

FIG. 1

A block diagram of a preferred system architecture of an electronic marketplace

A buyer submits an RFQ for one or more products/services with multiple attribute preferences to a marketplace.

210

The submitted RFQ is posted on the marketplace for a period time specified by the buyer.

215

Sellers examine/evaluate the RFQ, among others, to decide if they want to submit bids to the RFQ.

220

Sellers create/configure one or more bids to the RFQ, if they decide to bid.

225

Sellers send bids to the marketplace.

230

The marketplace receives the bids, records them in a database, and displays them to the buyer.

235

The buyer examines/evaluates the submitted bids to decide one or more winning bids.

240

If necessary, the buyer makes requests more information about bids to sellers, who respond to them.

245

The buyer selects one or more winning bids.

250

If necessary, the buyer negotiates further with one or more sellers who submitted winning bids.

255

The buyer and sellers settle about the deal; payment and shipment is executed.

FIG. 2
A flow chart of a preferred RFQ process

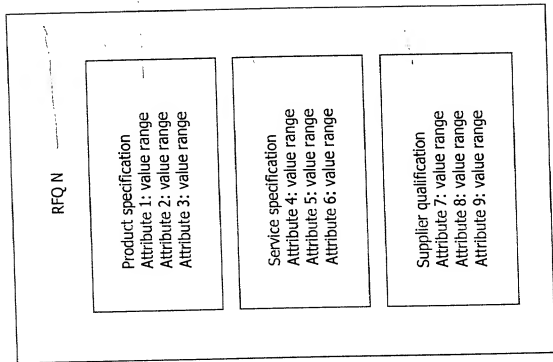


Fig. 3

An example of an RFQ having multiple attributes

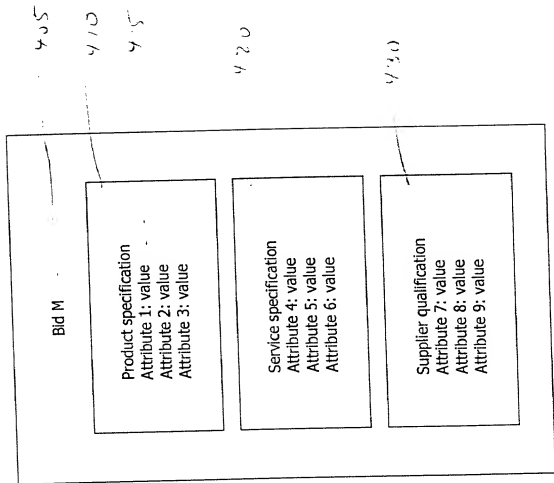


Fig. 4

An example of bids having multiple attributes

500

300

510

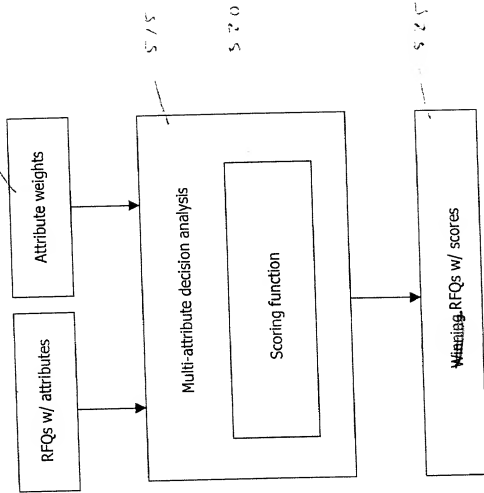


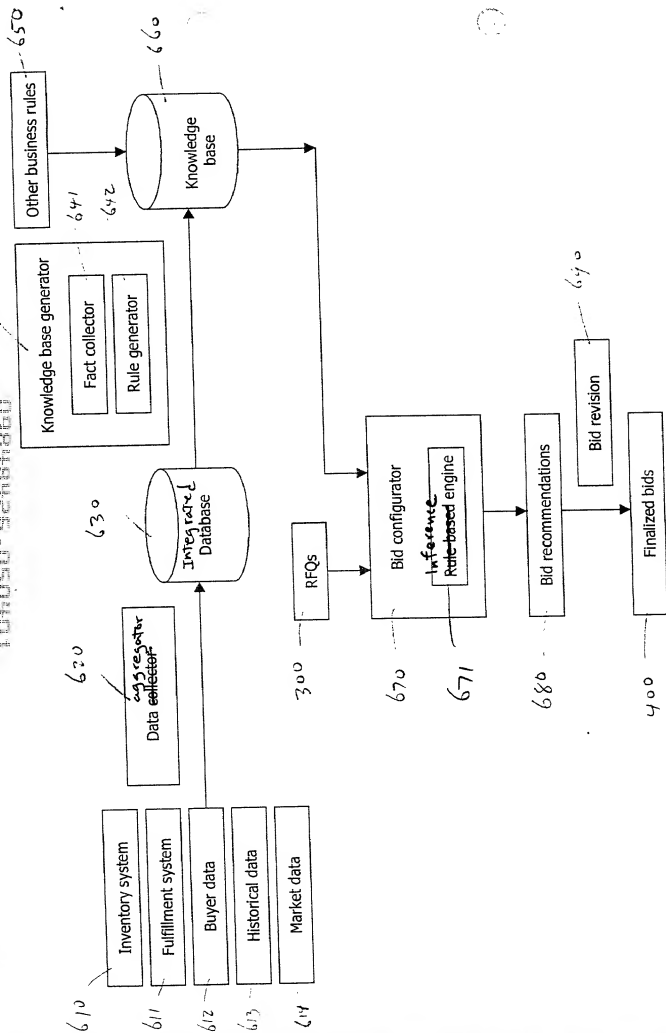
FIG. 5

A block diagram of a preferred RFQ selection process

640

FIG. 1000-22181800

600

**FIG. 6**

A block diagram of a preferred bid configuration system

[illegible]

016

112

212

-713

h12

720

126

57.

131

040.

1791.

242

Fig. 7

800

Gross margin(Product X) = 45%	805
Gross margin(Product Y) = 15%	810
On-hand inventory(Product Z) = 3 weeks in supply	815
On-hand inventory(Product W) = 2 weeks in supply	820
Reputation rate(Buyer X) = 4	825
Reputation rate(Buyer Y) = 2	830
Stock value(Buyer W) = 57	835
Supplier relationship(Buyer Z) = 10 years	840
Stock market index(Market X) = 7251	845
Amount of deals in 2000(Buyer A) = \$327,250	850
Bid submission due(RFQ X) = March 31, 2001	855
Softening point(RFQ Y) = (300, 350) degree in Kelvin	860

Flh. 8

Examples of facts for bid configuration